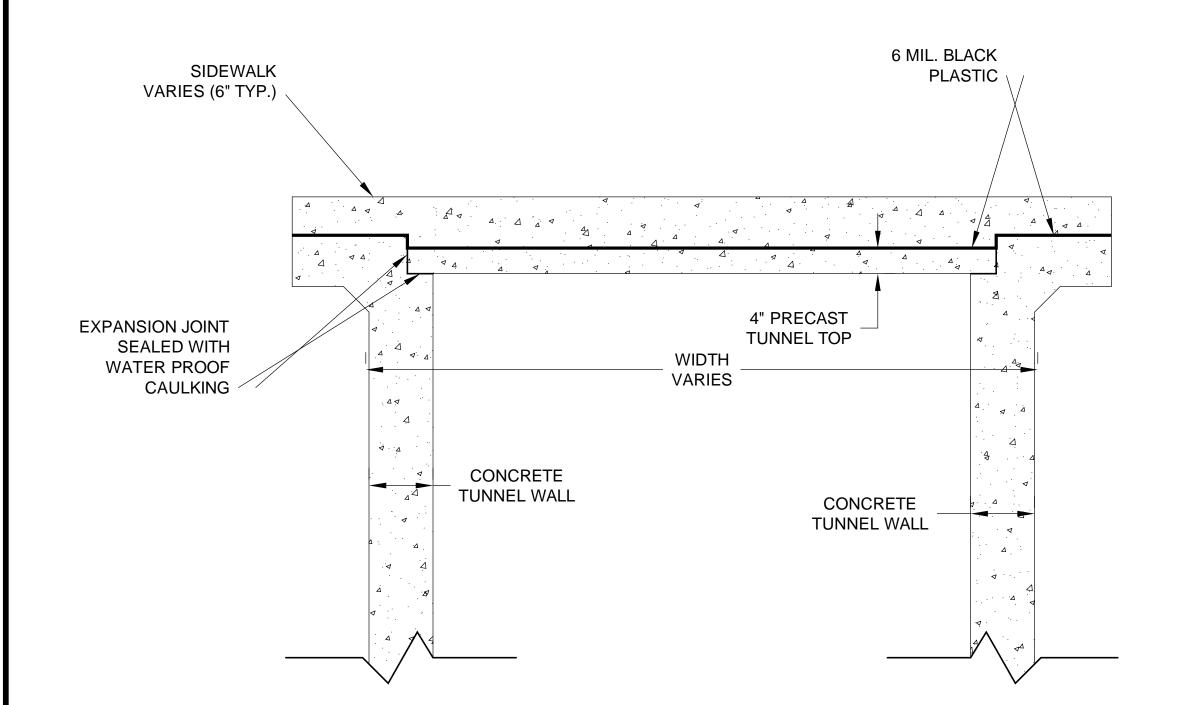
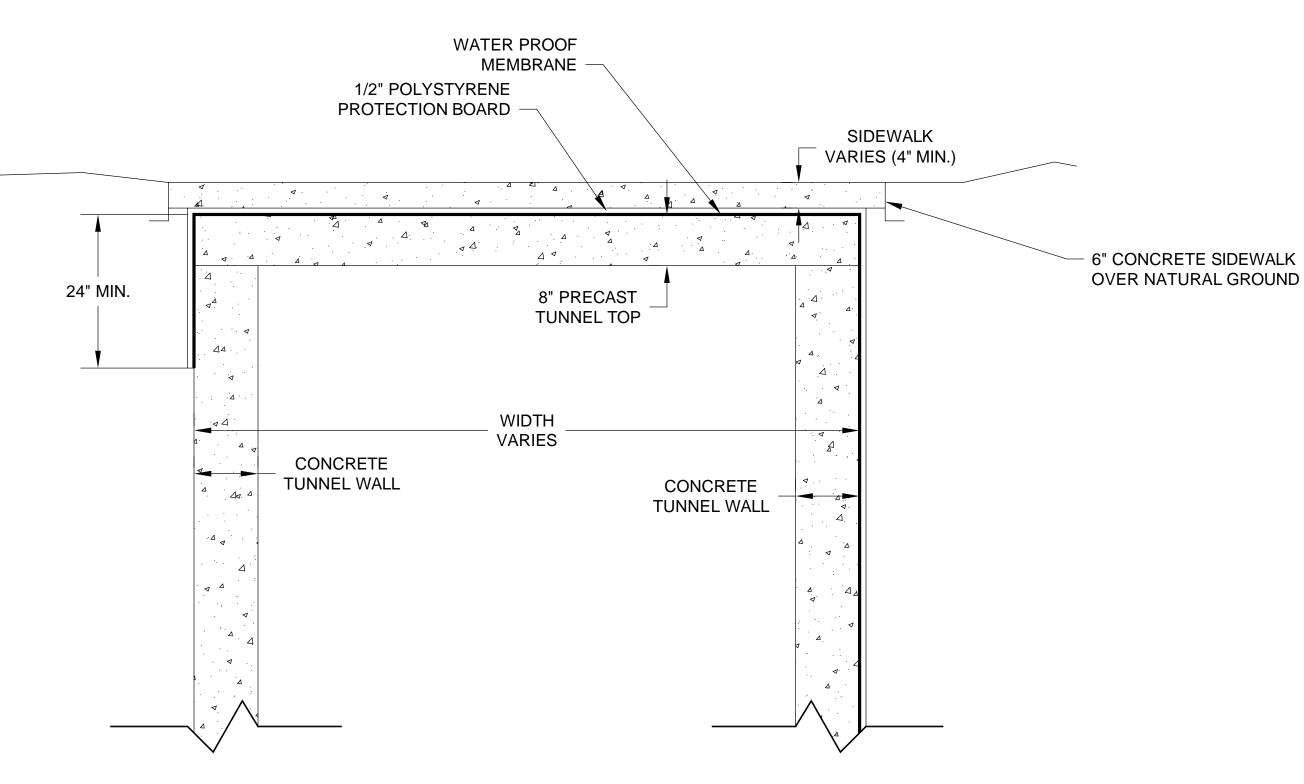
## NOTES:

AMENDMENT NO. 1

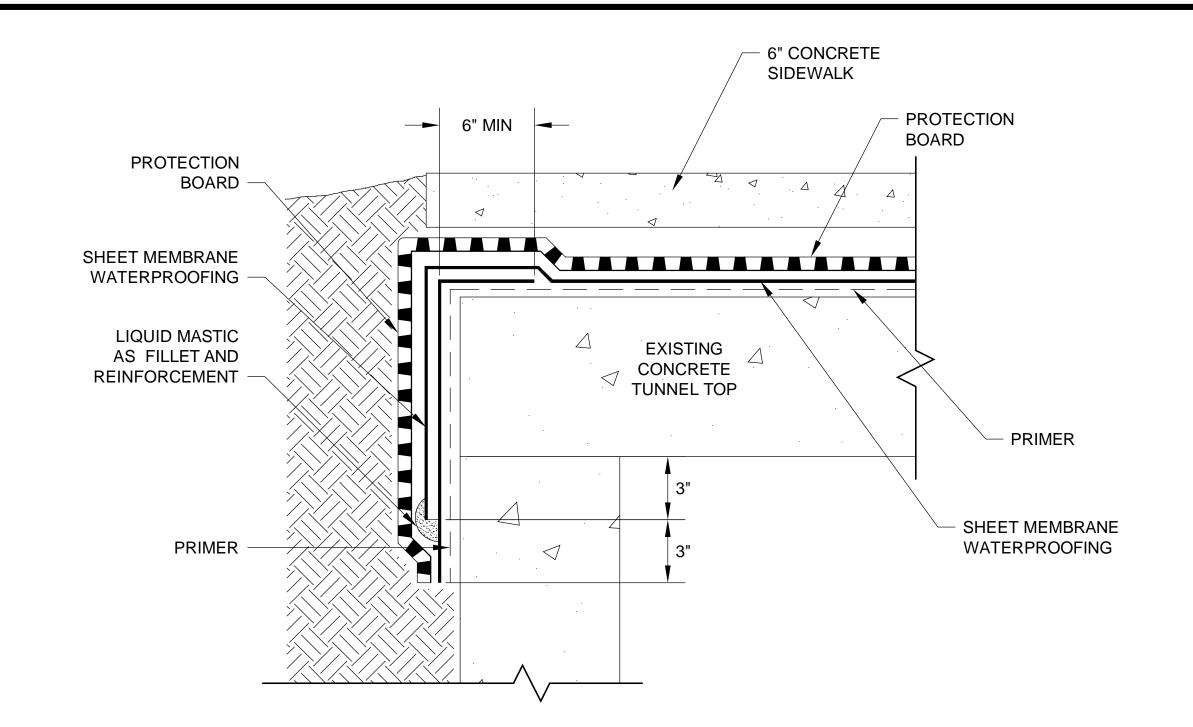
- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING A SITE SURVEY AND VERIFYING ALL EXISTING CONDITIONS.
- 2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES WHETHER SHOWN OR NOT SHOWN ON THIS PLAN, PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THEM FROM DAMAGE. CALL GOPHER STATE ONE CALL: 1-800-252-1166.
- 3. EXISTING CONCRETE WALK/PAVEMENT (THICKNESS VARIES) HAS BEEN CONSTRUCTED OVER THE TOP OF EXISTING STEAM TUNNELS THROUGHOUT PARTS OF THE VA MEDICAL CENTER CAMPUS. EXISTING TUNNEL SECTIONS AND CONSTRUCTION VARIES. THE SECTIONS SHOWN REPRESENT EXISTING TYPICAL SECTIONS FOR SEGMENT "A" (SEE SHEET C104) AND SEGMENT "B (SEE SHEET C105). EXISTING SECTIONS IN THE FIELD MAY VARY FROM THOSE SHOWN. OTHER SEGMENTS EXIST.
- WHERE EXISTING STEAM TUNNEL SEGMENT "A" RUNS ADJACENT TO THE BITUMINOUS ROADWAY, SAWCUT BITUMINOUS PAVEMENT AS NECESSARY. TWO-WAY TRAFFIC (10 FOOT LANES) MUST BE MAINTAINED ON THE ROADWAY AT ALL TIMES. CONTRACTOR TO PROVIDE ALL NECESSARY TRAFFIC CONTROL. PATCH BITUMINOUS PAVEMENT
- 5. REMOVAL OF EXISTING CONCRETE WALK/PAVEMENT OVER THE EXISTING STEAM TUNNELS MUST BE DONE WITHOUT DISTURBING THE EXISTING TUNNELS OR THE PIPING AND EQUIPMENT THEY CONTAIN. IMPACT REMOVAL TECHNIQUES, SUCH AS JACKHAMMERING, WILL NOT BE ALLOWED.
- 6. SHEET MEMBRANE WATERPROOFING IS TO BE INSTALLED OVER THE EXISTING STEAM TUNNELS IN AREAS WHERE THE EXISTING CONCRETE WALK/PAVMENT IS TO BE REMOVED AND REPLACED.
- 7. SHEET MEMBRANE WATERPROOFING IS TO EXTEND DOWN THE SIDES OF THE TUNNEL PAST THE TUNNEL TOP.
- 8. INSTALLATION OF SHEET MEMBRANE WATERPROOFING SHALL CONSIST OF PREPARATION OF EXISTING CONCRETE SURFACES, SEALING OF CRACKS AND JOINTS, AND APPLICATION OF SHEET MEMBRANE WATERPROOFING.



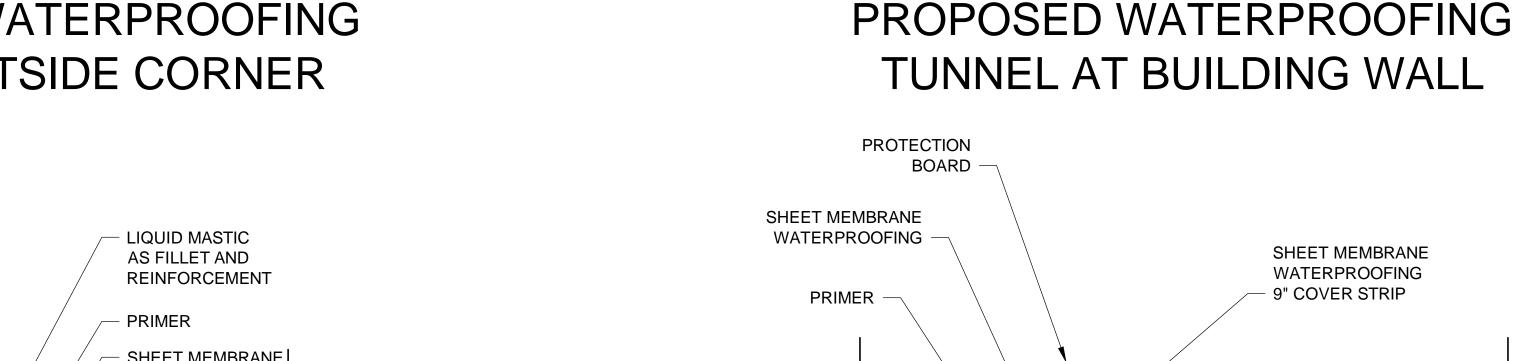
## EXISTING STEAM TUNNEL - SEGMENT "A" (SECTION)



## EXISTING STEAM TUNNEL - SEGMENT "B" (SECTION)



## PROPOSED WATERPROOFING TUNNEL OUTSIDE CORNER



SHEET MEMBRANE

WATERPROOFING

PRIMER

PROTECTION

**GROUT JOINTS/CRACKS** WITH NON-SHRINK GROUT FLUSH WITH OUTSIDE FACE OF CONCRETE

CONCRETE

TUNNEL\_TOP

**TERMINATION** 

DETAIL

**PRIMER** 

**EXISTING** 

BUILDING

SHEET MEMBRANE

**SEALANT CANT WITH** 

WATERPROOFING

3/4" MIN. FACE

LIQUID MASTIC

AS FILLET AND

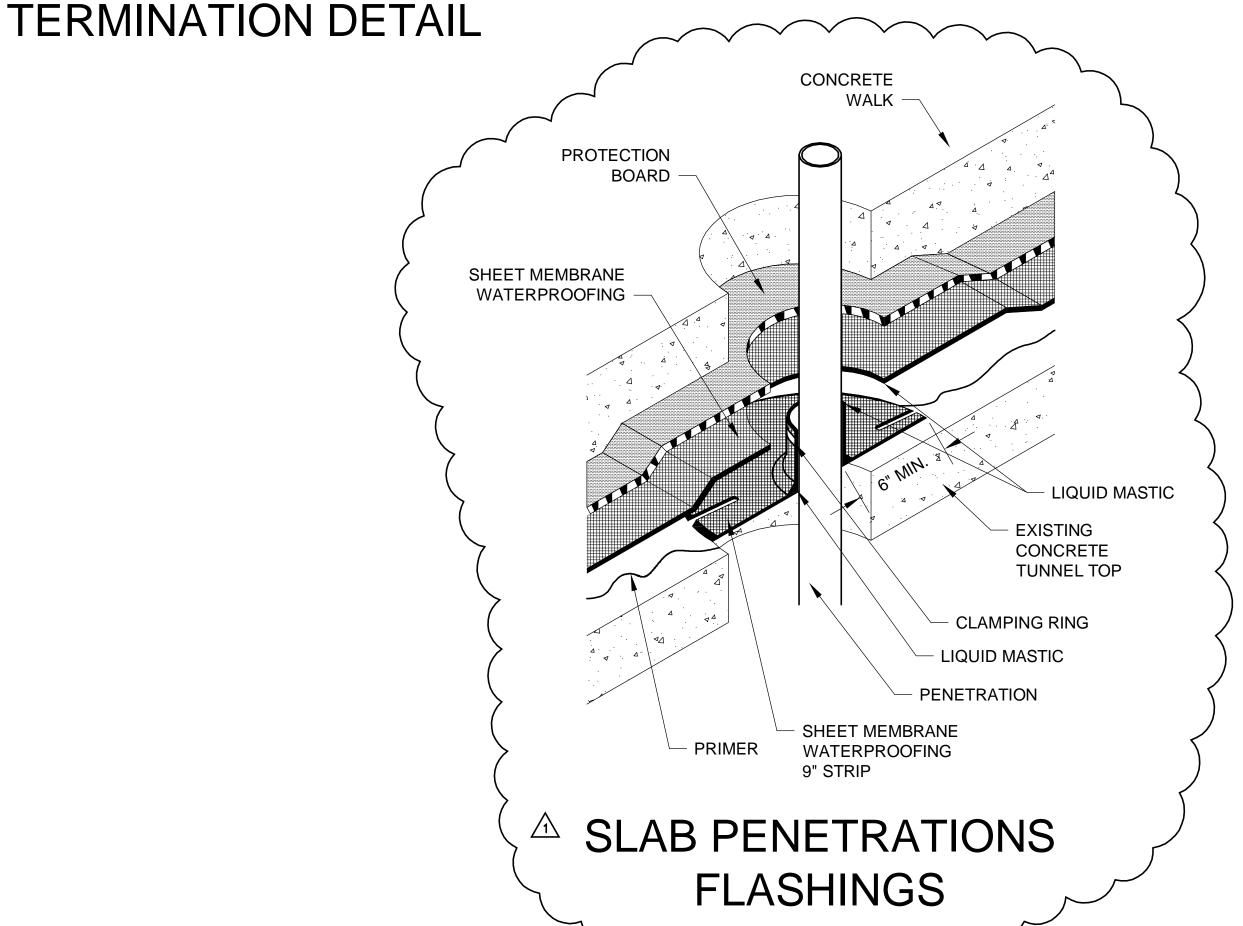
CONCRETE

TUNNEL TOP

REINFORCEMENT

SHEET MEMBRANE WATERPROOFING 6" CONCRETE SIDEWALK PROTECTION BOARD

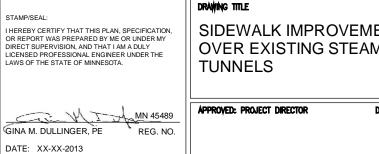
> NON-MOVING JOINT/CRACK CONCRETE



100% CD'S - FOR CONSTRUCTION







SIDEWALK IMPROVEMENTS
SIDEWALKS
SIDEWALKS PLOT SCALE AS NOTED 656-13-227 DJF GMD





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OVER EXISTING STEAM

ST. CLOUD VA MEDICAL CENTER C301
ST. CLOUD, MN 56303